

IN THE CLAIMS:

19. (Currently Amended) A thin film EL device comprising at least:

a hole-injecting electrode;

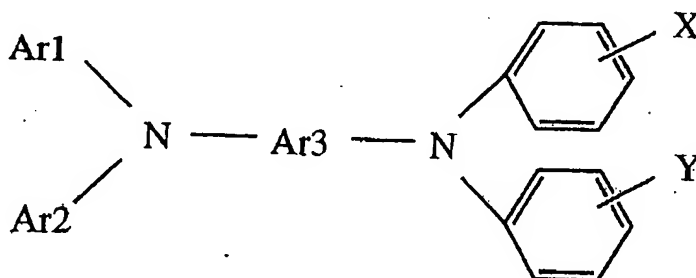
an electron-injecting electrode opposed to said hole-

injecting electrode and said electron-injecting electrode,

said luminescent layer containing a compound represented by

the following general formula (1):

(1)



where Ar1 and Ar2 may be the same or different, and each independently represents a substituted or unsubstituted aryl group; Ar3 represents a substituted or unsubstituted arylene phenylene group; X represents a substituent containing two or more carbon rings and non-planarly bonding to a diphenylamine portion; and Y represents a substituted ~~or unsubstituted~~ aryl group ~~containing five or more conjugated bonds and~~ substituted with an electron-donating substituent.

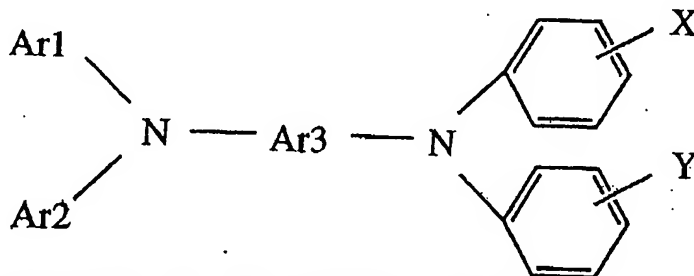
20. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (1):

(1)



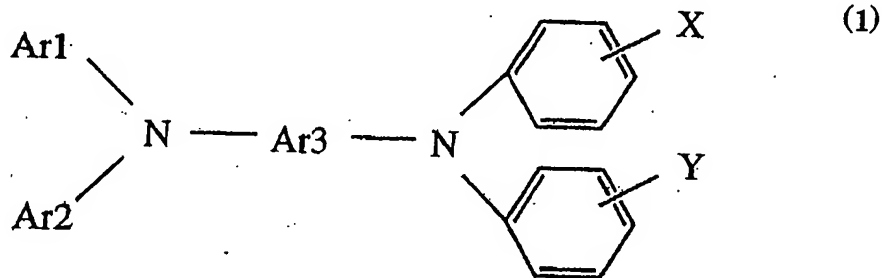
where Ar1 and Ar2 may be the same or different, and each independently represents a substituted or unsubstituted aryl group; Ar3 represents a p-phenylene group; X represents a substituent containing two or more carbon rings and non-planarly bonding to a diphenylamine portion; and Y represents a substituted or unsubstituted aryl group containing five or more conjugated bonds.

21. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (1):



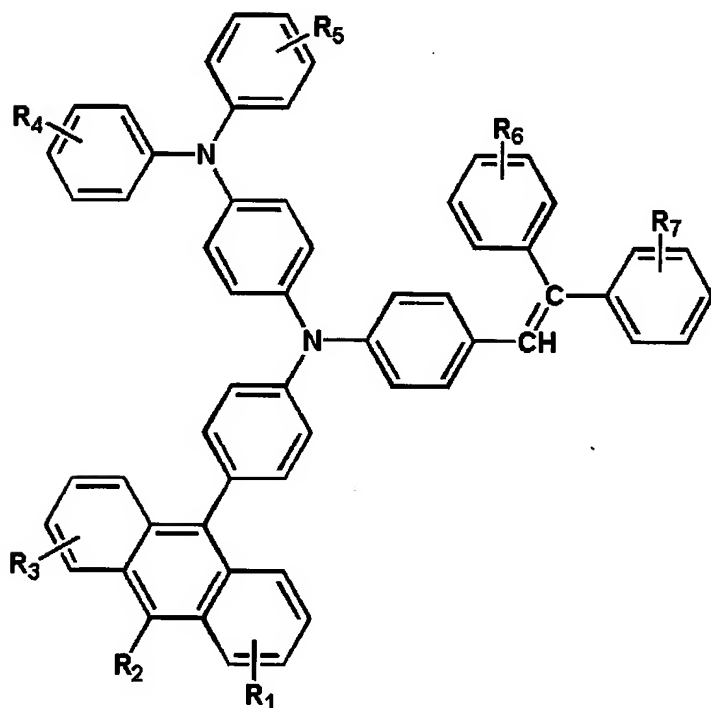
where Ar1 and Ar2 may be the same or different, and each independently represents a substituted or unsubstituted aryl group; Ar3 represents a m-phenylene group; X represents a substituent containing two or more carbon rings and non-planarly bonding to a diphenylamine portion; and Y represents a substituted or unsubstituted aryl group containing five or more conjugated bonds.

22. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (6):



where R4, R5, R6, and R7 may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an

alkoxy group; and R1, R2, and R3 may be the same or different, and each independently represents a hydrogen atom or an electron-donating substituent.

23. (Original) A thin film EL device according to claim 22, wherein said compound represented by the general formula (6) is (4-{[4-(2,2-diphenylvinyl)phenyl][4-(9-anthryl)phenyl]amino}phenyl)diphenylamine.

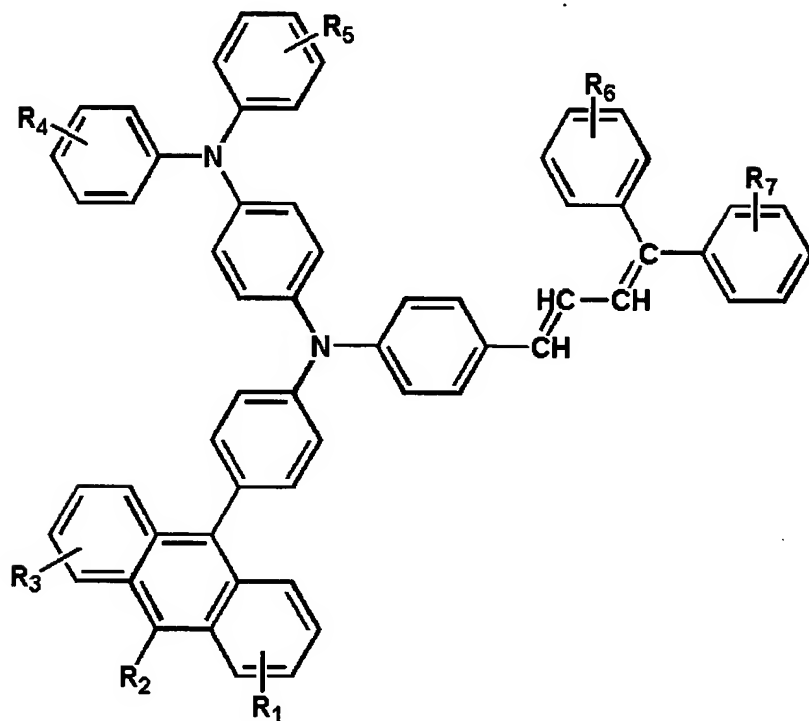
24. (Original) A thin film EL device according to claim 22, wherein said compound represented by the general formula (6) is (4-{[4-(2,2-diphenylvinyl)phenyl][4-(10-methoxy(9-anthryl))phenyl]amino}phenyl)diphenylamine.

25. (Previously Presented) A thin film EL device comprising at least:

- a hole-injecting electrode;
- an electron-injecting electrode opposed to said hole-injecting electrode; and
- a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said

luminescent layer containing a compound represented by the following general formula (7):

(7)



where R4, R5, R6, and R7 may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; and R1, R2, and R3 may be the same or different, and each independently represents a hydrogen atom or an electron-donating substituent.

26. (Original) A thin film EL device according to claim 25,
wherein said compound represented by the general formula (7) is

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(4-{[4-(4,4-diphenylbuta-1,3-dienyl)phenyl][4-(9-anthryl)phenyl]amino}phenyl)diphenylamine.

27. (Original) A thin film EL device according to claim 25, wherein said compound represented by the general formula (7) is (4-{[4-(4,4-diphenylbuta-1,3-dienyl)phenyl][4-(10-methoxy(9-anthryl))phenyl]amino}phenyl)diphenylamine.

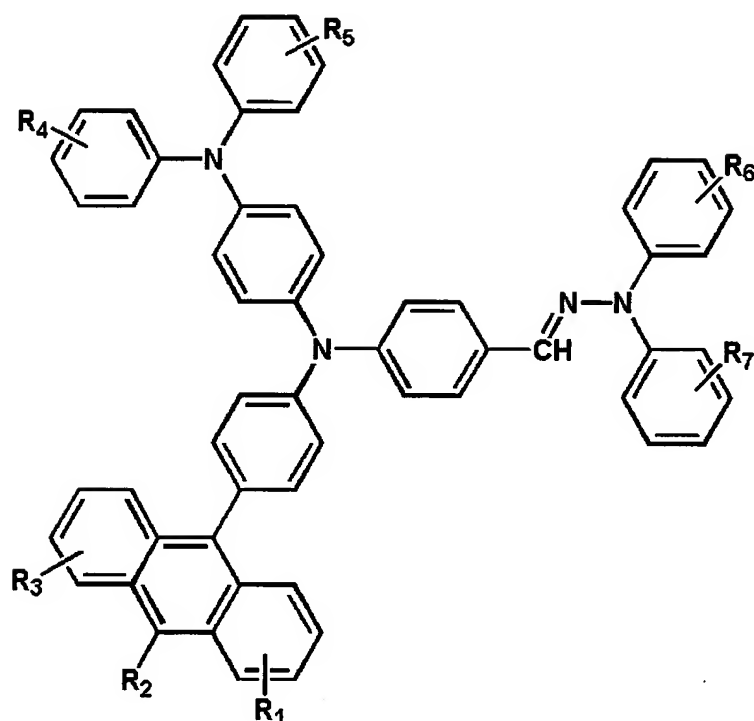
28. (Currently Amended) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to ~~aid~~ said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (8):

(8)



where R₄, R₅, R₆, and R₇ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; and R₁, R₂, and R₃ may be the same or different, and each independently represents a hydrogen atom or an electron-donating substituent.

29. (Original) A thin film EL device according to claim 28, wherein said compound represented by the general formula (8) is [4-({4-[2-aza-2-(diphenylamino)vinyl]phenyl}{4-(9-anthryl)phenyl}amino)phenyl]diphenylamine.

30. (Original) A thin film EL device according to claim 28, wherein said compound represented by the general formula (8) is [4-({4-[2-aza-2-(diphenylamino)vinyl]phenyl}{4-(10-methoxy(9-anthryl))phenyl}amino)phenyl]diphenylamine.

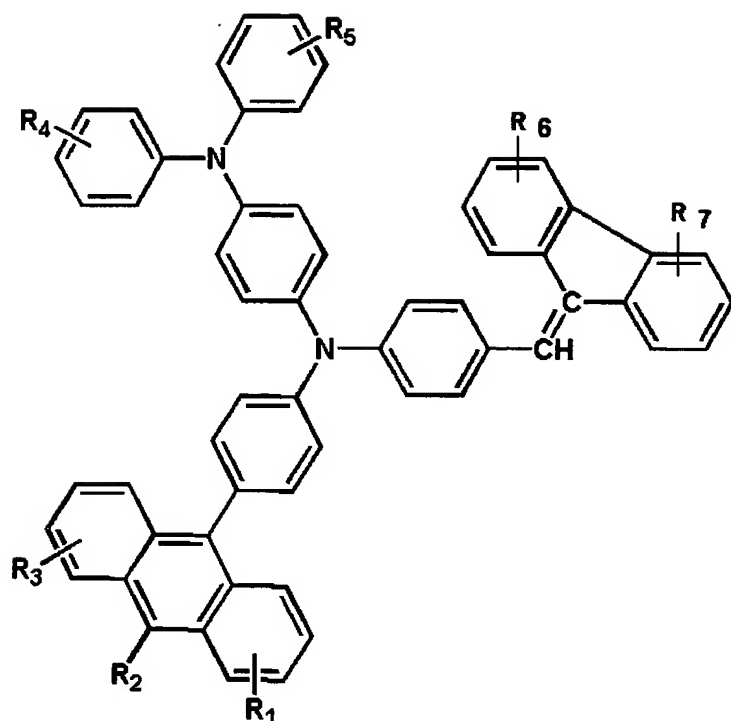
31. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (9):

(9)



where R₄, R₅, R₆, and R₇ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; and R₁, R₂, and R₃ may be the same or different, and each independently represents a hydrogen atom or an electron-donating substituent.

32. (Original) A thin film EL device according to claim 31, wherein said compound represented by the general formula (9) is (4-{[4-(fluorene-9-ylidenemethyl)phenyl][4-(9-anthryl)phenyl]amino}phenyl)diphenylamine.

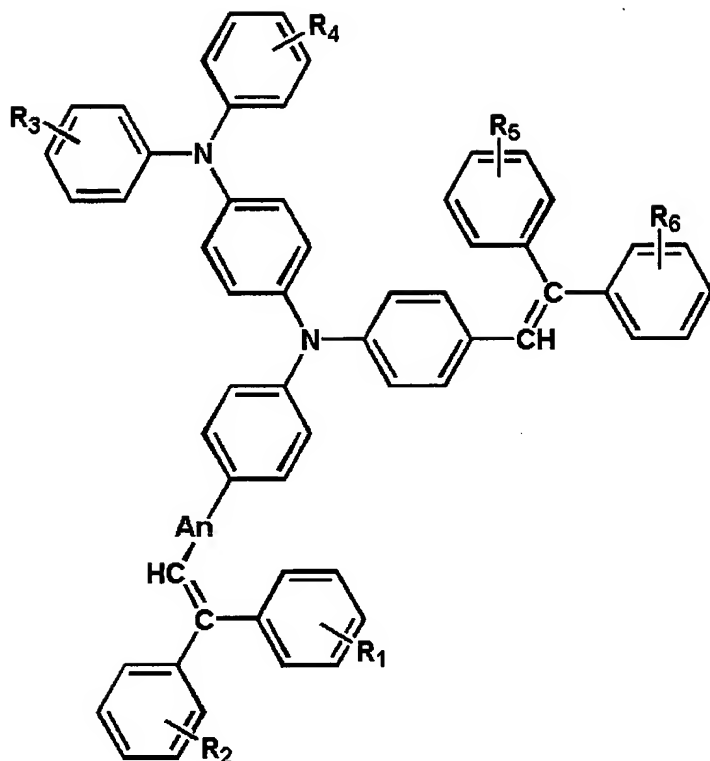
33. (Original) A thin film EL device according to claim 31, wherein said compound represented by the general formula (9) is (4-{[4-(fluorene-9-ylidenemethyl)phenyl][4-(10-methoxy(9-anthryl))phenyl]amino}phenyl)diphenylamine.

34. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (10):



35. (Original) A thin film EL device according to claim 34,
wherein said compound represented by the general formula (10) is

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[4-({4-[10-(2,2-diphenylvinyl)(9-anthryl)]phenyl}[4-(2,2-diphenylvinyl)phenyl]amino)phenyl]diphenylamine.

36. (Original) A thin film EL device according to claim 34, wherein said compound represented by the general formula (10) is [4-({4-[10-(2,2-diphenylvinyl)(9-anthryl)]phenyl}{4-(2,2-diphenylvinyl)phenyl}amino)phenyl]bis(4-methoxyphenyl)amine.

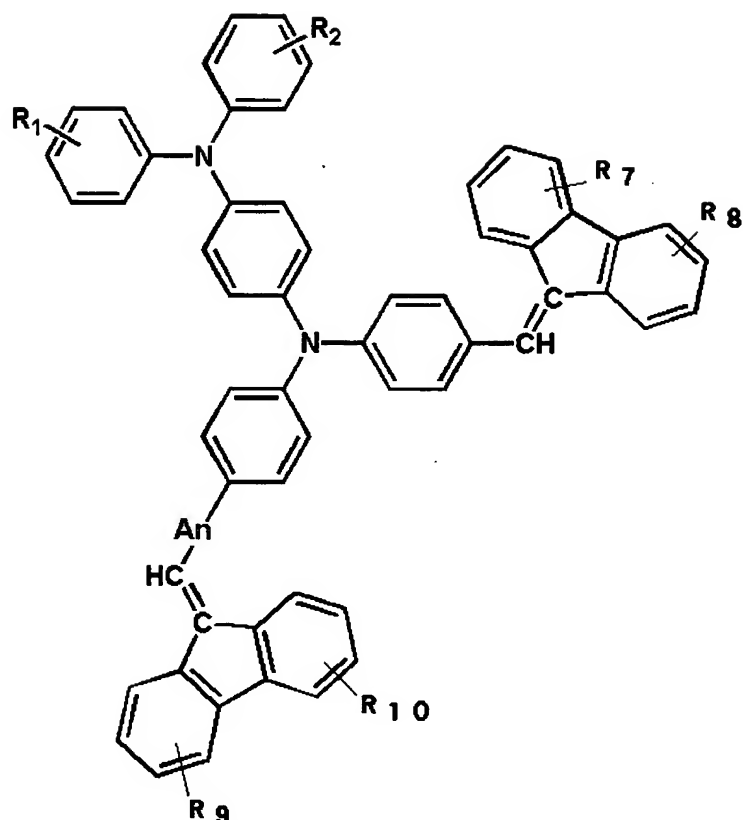
37. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (11):

(11)



where R₁, R₂, R₇, R₈, R₉, and R₁₀ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; and An represents an arylene group composed of two or more substituted or unsubstituted fused rings.

38. (Original) A thin film EL device according to claim 37, wherein said compound represented by the general formula (11) is

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[4-({4-[10-(fluorene-9-ylidenmethyl)(9-anthryl)]phenyl}{4-(fluorene-9-ylidenmethyl)phenyl]amino)phenyl]diphenylamine.

39. (Original) A thin film EL device according to claim 37, wherein said compound represented by the general formula (11) is [4-({4-[10-(fluorene-9-ylidenmethyl)(9-anthryl)]phenyl}{4-(fluorene-9-ylidenmethyl)phenyl]amino)phenyl]bis(4-methoxyphenyl)amine.

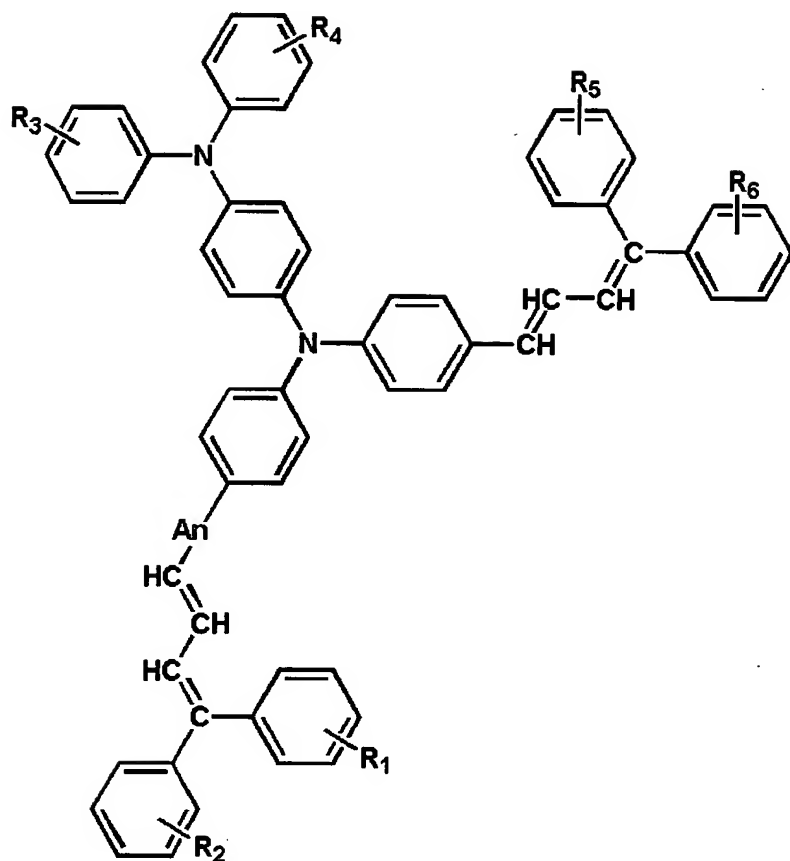
40. (Currently Amended) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (12):

(12)



where R₁ and R₂ to R₆ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; and An represents an arylene group composed of two or more substituted or unsubstituted fused rings.

41. (Original) A thin film EL device according to claim 40, wherein said compound represented by the general formula (12) is

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[4-((4-[10-(4,4-diphenylbuta-1,3-dienyl)(9-anthryl)]phenyl)[4-(4,4-diphenylbuta-1,3-dienyl)phenyl]amino)phenyl]diphenylamine.

42. (Original) A thin film EL device according to claim 40, wherein said compound represented by the general formula (12) is [4-((4-[10-(4,4-diphenylbuta-1,3-dienyl)(9-anthryl)]phenyl){4-(4,4-diphenylbuta-1,3-dienyl)phenyl}amino)phenyl]bis(4-methoxyphenyl)amine.

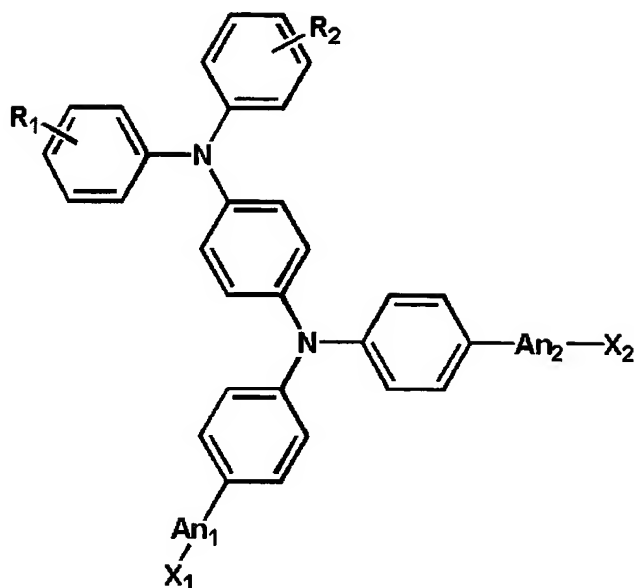
43. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (13):

(13)



where R₁ and R₂ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group; An₁ and An₂ may be the same or different, and each independently represents an arylene group composed of two or more substituted or unsubstituted fused rings; and X₁ and X₂ may be the same or different, and each independently represents a substituted or unsubstituted 2,2-diphenylvinyl group, 4,4-diphenylbuta-1,3-dienyl group, or fluorene-9-ylidenmethyl group or a hydrogen atom.

44. (Original) A thin film EL device according to claim 43, wherein said compound represented by the general formula (13) is {4-[bis(4-(9-anthryl)phenyl)amino]phenyl}diphenylamine.

45. (Original) A thin film EL device according to claim 43, wherein said compound represented by the general formula (13) is [4-(bis{4-[10-(2,2-diphenylvinyl)(9-anthryl)]phenyl}amino)phenyl]diphenylamine.

46. (Original) A thin film EL device according to claim 43, wherein said compound represented by the general formula (13) is [4-(bis{4-[10-(4,4-diphenylbuta-1,3-dienyl)(9-anthryl)]phenyl}amino)phenyl]diphenylamine.

47. (Original) A thin film EL device according to claim 43, wherein said compound represented by the general formula (13) is [4-(bis{4-[10-(fluorene-9-ylidenmethyl)(9-anthryl)]phenyl}amino)phenyl]diphenylamine.

48. (Previously Presented) A thin film EL device comprising at least:

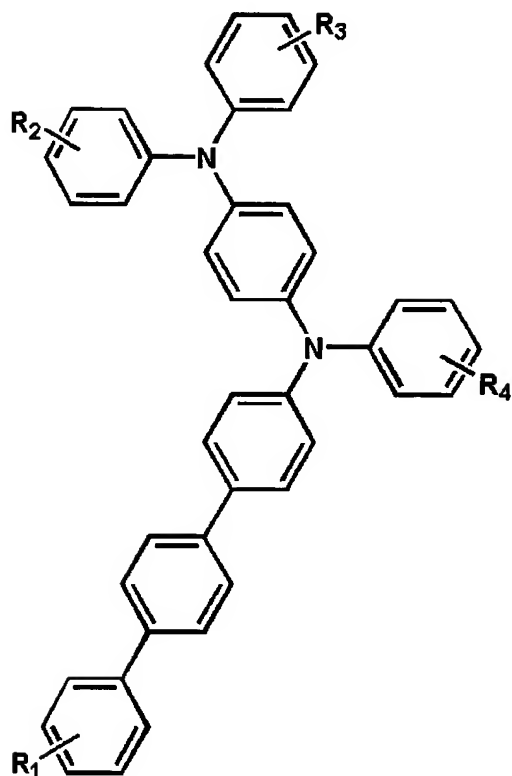
a hole-injecting electrode;

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an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (14):

(14)



where R₄ represents a hydrogen atom, an alkyl group, an alkoxy group, or an aralkyl group; and R₁, R₂, and R₃ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group.

49. (Original) A thin film EL device according to claim 48, wherein said compound represented by the general formula (14) is [4-(diphenylamino)phenyl][4-(4-phenylphenyl)phenyl]phenylamine.

50. (Original) A thin film EL device according to claim 48, wherein said compound represented by the general formula (14) is [4-{bis(4-methoxyphenyl)amino}phenyl][4-{4-(4-methoxyphenyl)phenyl}phenyl][4-(1-methyl-1-phenylethyl)phenyl]amine.

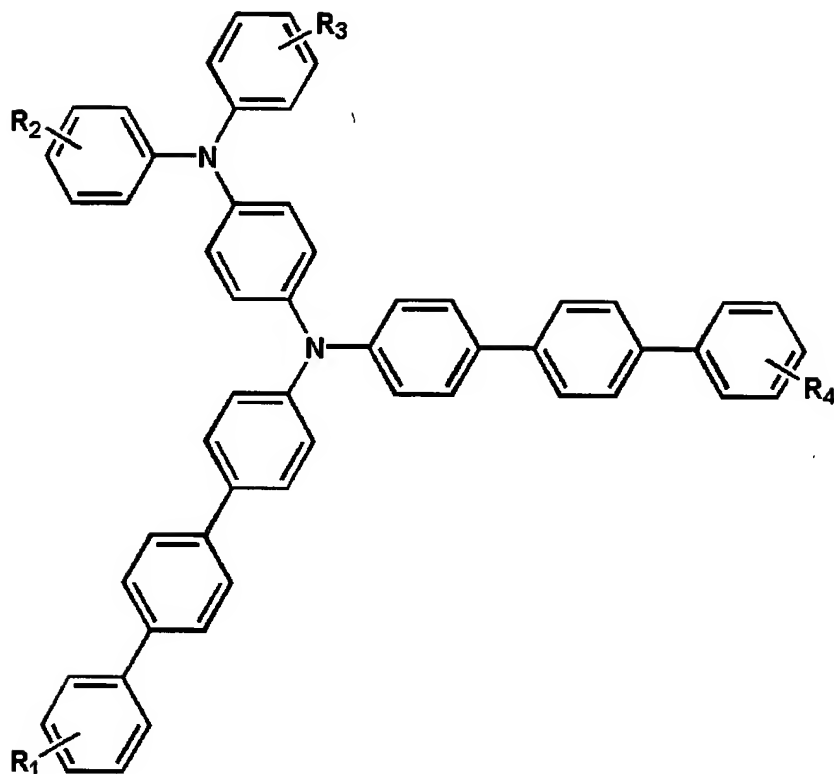
51. (Previously Presented) A thin film EL device comprising at least:

a hole-injecting electrode;

an electron-injecting electrode opposed to said hole-injecting electrode; and

a luminescent layer sandwiched between said hole-injecting electrode and said electron-injecting electrode, said luminescent layer containing a compound represented by the following general formula (15):

(15)



where R₁, R₂, R₃, and R₄ may be the same or different, and each independently represents a hydrogen atom, an alkyl group, or an alkoxy group.

52. (Original) A thin film EL device according to claim 51, wherein said compound represented by the general formula (15) is [4-(diphenylamino)phenyl][bis(4-(4-phenylphenyl)phenyl)]amine.

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53. (Original) A thin film EL device according to claim 51, wherein said compound represented by the general formula (15) is [4-{bis(4-methoxyphenyl)amino}phenyl]bis[4-{4-(4-methoxyphenyl)phenyl}phenyl]amine.